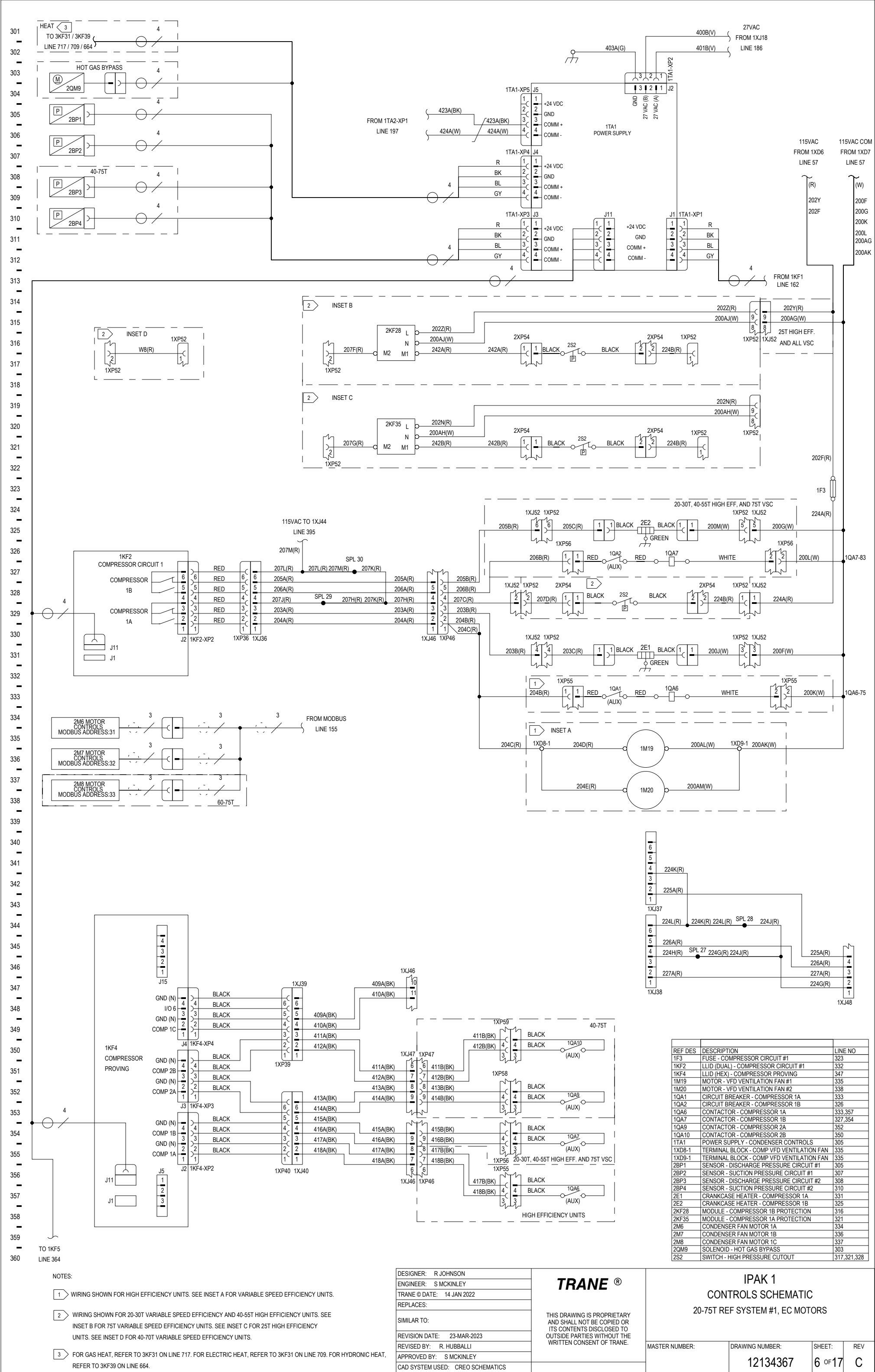




REF DES	DESCRIPTION	LINE NO
1F3	FUSE - COMPRESSOR CIRCUIT #1	323
1KF2	LLID (DUAL) - COMPRESSOR CIRCUIT #1	332
1KF4	LLID (HEX) - COMPRESSOR PROVING	347
1M19	MOTOR - VFD VENTILATION FAN #1	335
1M20	MOTOR - VFD VENTILATION FAN #2	338
1QA1	CIRCUIT BREAKER - COMPRESSOR 1A	333
1QA2	CIRCUIT BREAKER - COMPRESSOR 1B	326
1QA6	CONTACTOR - COMPRESSOR 1A	333,357
1QA7	CONTACTOR - COMPRESSOR 1B	327,354
1QA9	CONTACTOR - COMPRESSOR 2A	352
1QA10	CONTACTOR - COMPRESSOR 2B	350
1TA1	POWER SUPPLY - CONDENSER CONTROLS	305
1XD8-1	TERMINAL BLOCK - COMP VFD VENTILATION FAN	335
1XD9-1	TERMINAL BLOCK - COMP VFD VENTILATION FAN	335
2BP1	SENSOR - DISCHARGE PRESSURE CIRCUIT #1	305
2BP2	SENSOR - SUCTION PRESSURE CIRCUIT #1	307
2BP3	SENSOR - DISCHARGE PRESSURE CIRCUIT #2	308
2BP4	SENSOR - SUCTION PRESSURE CIRCUIT #2	310
2E1	CRANKCASE HEATER - COMPRESSOR 1A	331
2E2	CRANKCASE HEATER - COMPRESSOR 1B	325
2KF28	MODULE - COMPRESSOR 1B PROTECTION	316
2KF35	MODULE - COMPRESSOR 1A PROTECTION	321
2M6	CONDENSER FAN MOTOR 1A	334
2M7	CONDENSER FAN MOTOR 1B	336
2M8	CONDENSER FAN MOTOR 1C	337
2QM9	SOLENOID - HOT GAS BYPASS	303
2S2	SWITCH - HIGH PRESSURE CUTOFF	317,321,328

- NOTES:
- 1 WIRING SHOWN FOR HIGH EFFICIENCY UNITS. SEE INSET A FOR VARIABLE SPEED EFFICIENCY UNITS.
- 2 WIRING SHOWN FOR 20-30T VARIABLE SPEED EFFICIENCY AND 40-55T HIGH EFFICIENCY UNITS. SEE INSET B FOR 75T VARIABLE SPEED EFFICIENCY UNITS. SEE INSET C FOR 25T HIGH EFFICIENCY UNITS. SEE INSET D FOR 40-70T VARIABLE SPEED EFFICIENCY UNITS.
- 3 FOR GAS HEAT, REFER TO 3KF31 ON LINE 717. FOR ELECTRIC HEAT, REFER TO 3KF31 ON LINE 709. FOR HYDRONIC HEAT, REFER TO 3KF39 ON LINE 664.

DESIGNER:	R JOHNSON
ENGINEER:	S MCKINLEY
TRANE © DATE:	14 JAN 2022
REPLACES:	
SIMILAR TO:	
REVISION DATE:	23-MAR-2023
REVISED BY:	R. HUBBALLI
APPROVED BY:	S MCKINLEY
CAD SYSTEM USED:	CREO SCHEMATICS

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IPAK 1
CONTROLS SCHEMATIC
20-75T REF SYSTEM #1, EC MOTORS

MASTER NUMBER:	DRAWING NUMBER:	SHEET:	REV
	12134367	6 OF 17	C